11. The device according to claim 8 wherein outlet is the only fluid outlet of said enrichment channel.

12. The device according to claim 8, said enrichment channel further comprising an enriched fraction fluid outlet in fluid conducting relation with said secondary electrophoretic flowpath.

13. A device for use in electrophoretic application, said device comprising a substrate having a generally planar surface on which are formed:

a main electrophoretic microchannel defining a main electrophoretic flowpath of capillary dimension said main electrophoretic flowpath containing a first medium, said main electrophoretic microchannel comprising means for introducing fluid into said flowpath and at least one pair of electrodes connected to a source of electric power for applying an electric field to said medium;

an enrichment channel comprising a sample inlet, a waste fluid outlet, and an enriched fraction fluid outlet in fluid communication with said main electrophoretic flowpath, said enrichment channel containing a chromatographic medium different from said first medium for enriching a particular fraction of a sample; and

a discharge outlet in fluid conducting relation to said waste fluid outlet for discharging a portion of said sample other than said fraction away from said main electrophoretic flowpath.

14. The device according to claim 13 wherein said discharge outlet is in fluid communication with a waste reservoir.

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